

TECHNICAL DATA SHEET OF

BTI 400 IU/mg WP

Supplier: Shanghai Bosman industrial Co., Ltd.

Batch No.: 20180902

Manufacture date: Sep. 2, 2018

Expiry data: Sep. 2, 2018

Chemistry identity	
Common name	Bacillus thuringiensis israelensis
CAS name	Bacillus thuringiensis israelensis
CAS No	68038-71-1
Formula structure	None
Physical and chemical properties	
Appearance	White gray to brown powder
Content	400 IU/mg
Water	5.0% max
pH	5.5~7.5
Density	NA
Solubility in water	Disperse in water
Mammalian toxicity	
Acute oral	LD ₅₀ for rats > 5000 mg/kg
Acute dermal	LD ₅₀ for rats >20000 mg/kg.
Acute inhalation	LC ₅₀ (1 h) > 5 000 mg/kg
Environment fate	Bacillus thuringiensis occurs naturally and ubiquitously in the environment. It is a common component of the soil microflora and has been isolated from most terrestrial habitats. Unlike most insect pathogenic microbes, Bt is a poor infectious agent and rarely recycles. While vegetative cells and spores can be produced in insect cadavers, Bacillus thuringiensis has rarely been recorded causing natural epizootics in insects, leading to speculation that it is essentially a soil micro-organism that possesses incidental insecticidal activity.
Handling and storage	<p>Handling: Avoid contact with the skin and eyes. Keep this product away from food and drink. Keep it away from children and pets. Do not cross-contaminate this product with pesticides</p> <p>Storage: Store product in its original container in a cool, dry, well-ventilated place. Do not use or store near heat, open flame or hot surfaces. Store in original containers only. Keep out of reach of children and animals. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.</p>
Package	1kg bag or customized package